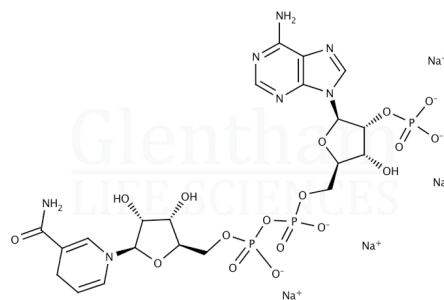


## Certificate of Analysis

Product Name	b-Nicotinamide-adenine dinucleotide phosphate tetrasodium salt, reduced
Glentham Code	GN9337
CAS Number	2646-71-1
EINECS	220-163-3
MDL Number	MFCD00036263
PubChem SID	310277758
Additional CAS	53-57-6
Batch Number	470TER
Molecular Weight	833.35 (anhydrous basis)
Molecular Formula	$C_{21}H_{26}N_7Na_4O_{17}P_3 \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 470TER
Physical Description	White to pale yellow crystalline powder	Conforms
Purity (HPLC)	≥ 95.0%	99.0%
Purity (Enzymatic)	≥ 90.0%	90.6%
Water	≤ 8.0%	3.6%
Sodium (Na)	8.0 - 12.0 %	8.8%
pH (10% in water)	8.0 - 10.0	9.8

Specification Version	v1.2
Manufacture Date	2022-11-26
Re-Test Date	2030-03-07

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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